251 HW2 1.1,1.2, 1.5, 1.6 1 1.1 (a) Series 15k b) 5(10) = 3.33k 1.3 P= IV I= X P= x = 144W 1.51 P= IV = I all in serves with formy

1.50 = 0.225 w 1.61 R= TX10-8 R V= IR IRR a) PEIV == 8,7 x107A I2R = (8.7x107)25x10-8 = 3.8x108 W 5) 1000 m = 26.5 for P = TTY c) PE ot" V= Zerrot 11 1 foot 2 0.30 m 1010 3 TTY T = 12167 K